Number in Household – Reference Guide
Version 1.0, December 1999

Summary: Number in Household

Definition

Number of adults in subject of report's household and number of children in subject of report's household. The subject of report is included in the number.

Data Storage and Field Values

There are 2 data elements used to define the data concept Number in Household. The variable names noted below specifically apply to household information of the subject of the report, based on the subject's current residence. Variable names for other uses of Number in Household, such as number in household in a previous residence of the subject of the report, are not discussed in this document but will be discussed in subsequent releases.

Number of Adults in Household
Description: Number of adults (age $\geq$13 years) in person's household
Variable Name: ADLTHOUSE
Type: character
Length: 2
Reported to CDC: Yes
Field Values: 0 – 98; whole numbers only
Note: Programs are encouraged to apply an edit check to values that are more than likely out of range.

Number of Children in Household
Description: Number of children (age <13 years) in person's household
Variable Name: CHILDHOUSE
Type: character
Length: 2
Reported to CDC: Yes
Field Values: 0 – 98; whole numbers only
Note: Programs are encouraged to apply an edit check to values that are more than likely out of range.

Missing Values

If the value of either data element is missing, or does not adhere to the CIPHER standard, the data element may be noted as blank to indicate a missing value. If the program requires the reason the value is missing, a separate 1-character field should be used to note the reason for the missing data. The use of a Missing Value Reason data element must adhere to the CIPHER definition and rules associated with missing data as described in Appendix I - Missing Value Reason.

Processing Overview

Special requirements apply. Refer to the Implementation subsection on Data Processing: Validations and Edit Checks, below, for detailed information.

EDI Summary

Note: EDI sections are under construction.

Discussion

The Number in Household data concept provides information about the number of adults and children living in the same household with the subject of the report. The number includes the subject of the report. Thus, if the subject of the report is a child (age <13 years), the number of children living in the same household with the subject of the report is to include the subject of the report. If the subject of the report is an adult (age ≥13 years), the number of adults living in the same household with the subject of the report is to include the subject of the report.

Implementation: Number in Household

The implementation examples noted below specifically apply to the household information of the subject of the report, based on the subject's current residence. Other uses of Number in Household, such as household information based on a previous residence of the subject of the report, can be patterned after these implementation examples.

Data Collection: Hardcopy Report Form

Free-form entry fields on the hardcopy report form are used for the collection of Number in Household data. Refer to Figures 1 and 2 below.

Figure 1:   **Blank Hardcopy Form section used to collect Number in Household**

Number in Household

Adults: _____
(age $\geq$ 13 years)

Children: _____
(age < 13 years)

Figure 2:   **Completed Hardcopy Form section used to collect Number in Household**

Number in Household

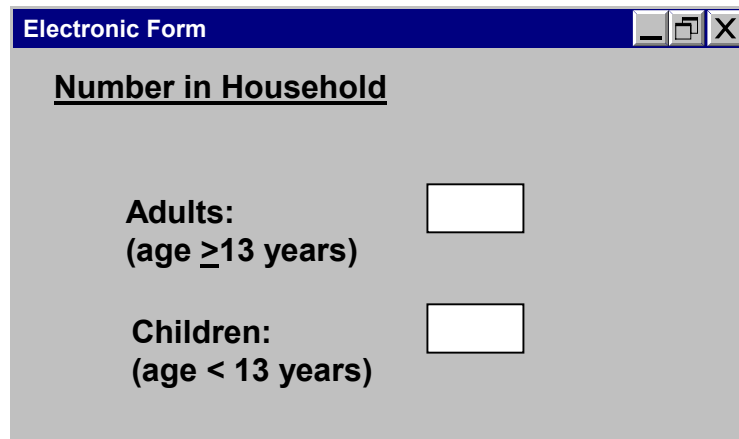|	1
Adults: **(age ≥13 years)**	_____
Children: **(age < 13 years)**	2 _____

Missing Values – Hardcopy Form

Examples of hardcopy forms using the associated Missing Value Reason data element can be found in Appendix I – Missing Value Reason. The hardcopy form need only contain a missing value reason if the program requires the rationale for a missing value for Number in Household.

Data Entry: Electronic Forms

Free-form entry fields are used for the electronic collection of Number in Household data as shown in Figures 3 and 4 below.

Figure 3:   **Blank Electronic Form used to collect Number in Household**

Electronic Form

Number in Household

Adults:
(age ≥13 years)

Children:
(age < 13 years)

Figure 4:   **Completed Electronic Form used to collect Number in Household**

Missing Values – Electronic Form

Examples of electronic forms using the associated Missing Value Reason (MVR) data element can be found in Appendix I – Missing Value Reason. The electronic form needs to handle the Missing Value Reason only if the program requires the rationale for a missing value for Number in Household. If the user selects a missing value reason code during data entry, the Number in Household field will be blank and the screen will display the MVR information next to the blank field.

Data Processing: Validations and Edit Checks

Data elements entered in the electronic form will be edited as outlined below. If the program elects to use an associated Missing Value Reason data element for Number in Household, it will be edited as outlined in Appendix I – Missing Value Reason.

Number in Household:

- Each Number in Household data element is stored in a 2-character variable.

- Values for each data element can range from 0-98 (whole numbers only). Programs are encouraged to apply an edit check to values that are more than likely out of range.

- The data are right justified, and left padded with blanks as needed.   For example, a value of **8** is to be stored in the 2-character format as **' 8'** (one leading blank followed by one character, for a total of 2 characters).

Data Processing: From Hardcopy to Storage

The following example illustrates the flow of information from data collection on the hardcopy form, to data entry into the electronic form, to validations and storage in the database.

The process begins with the blank Hardcopy data collection form used to collect Number in Household:

↓

The Number in Household information is captured on the form, creating a completed Hardcopy data collection form:

↓

The process continues with a blank Electronic form/data entry screen used to capture Number in Household:

↓

The value from the hardcopy form is entered into the Electronic form/data entry screen and then the edits and validations are performed on Number in Household:

↓

The completed <u>Electronic form/data entry screen</u> is redisplayed and Number in Household is stored in the database:

Electronic Form

Number in Household

Adults:
(age ≥13 years)   `1`

Children:
(age < 13 years)   `2`

Database Storage

Number in Household

	Variable Name	Type	Length	Stored Value
Adults:	*ADLTHOUSE*	char	2	' 1'
Children:	*CHILDHOUSE*	char	2	' 2'

Data Transmission: Electronic Data Interchange

Note: EDI sections are under construction.